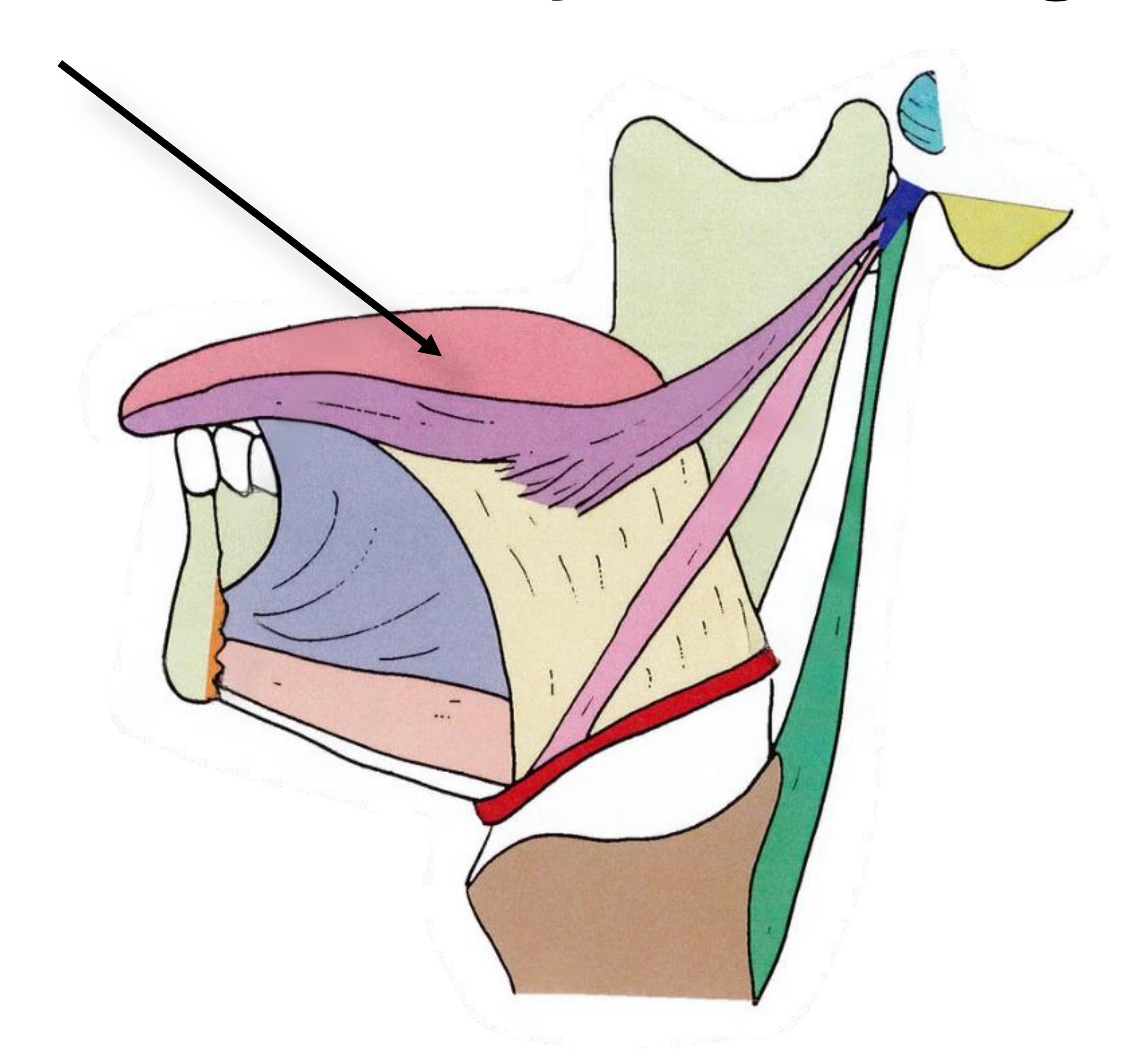
Muscles of the Tongue

All muscles of the tongue are innervated by CN?

CN XII: Hypoglossal

Muscles inside the body of the tongue?



Intrinsic tongue muscles

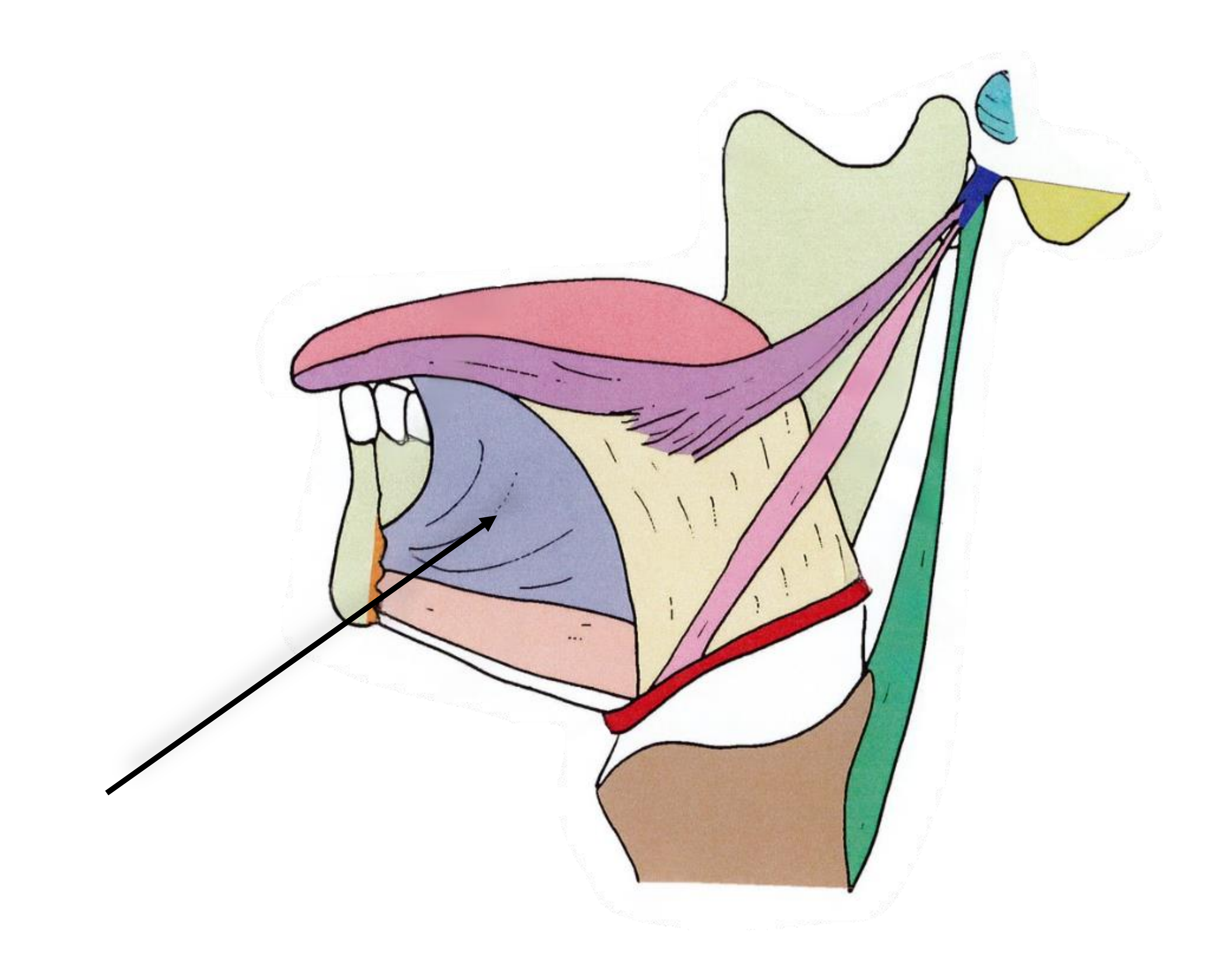
Named for their orientation:

Superior longitudinal
Transverse
Vertical
Inferior longitudinal

Insertion/origin: inside the tongue

Action: Complex movement of the tongue

Extrinsic Tongue Muscles

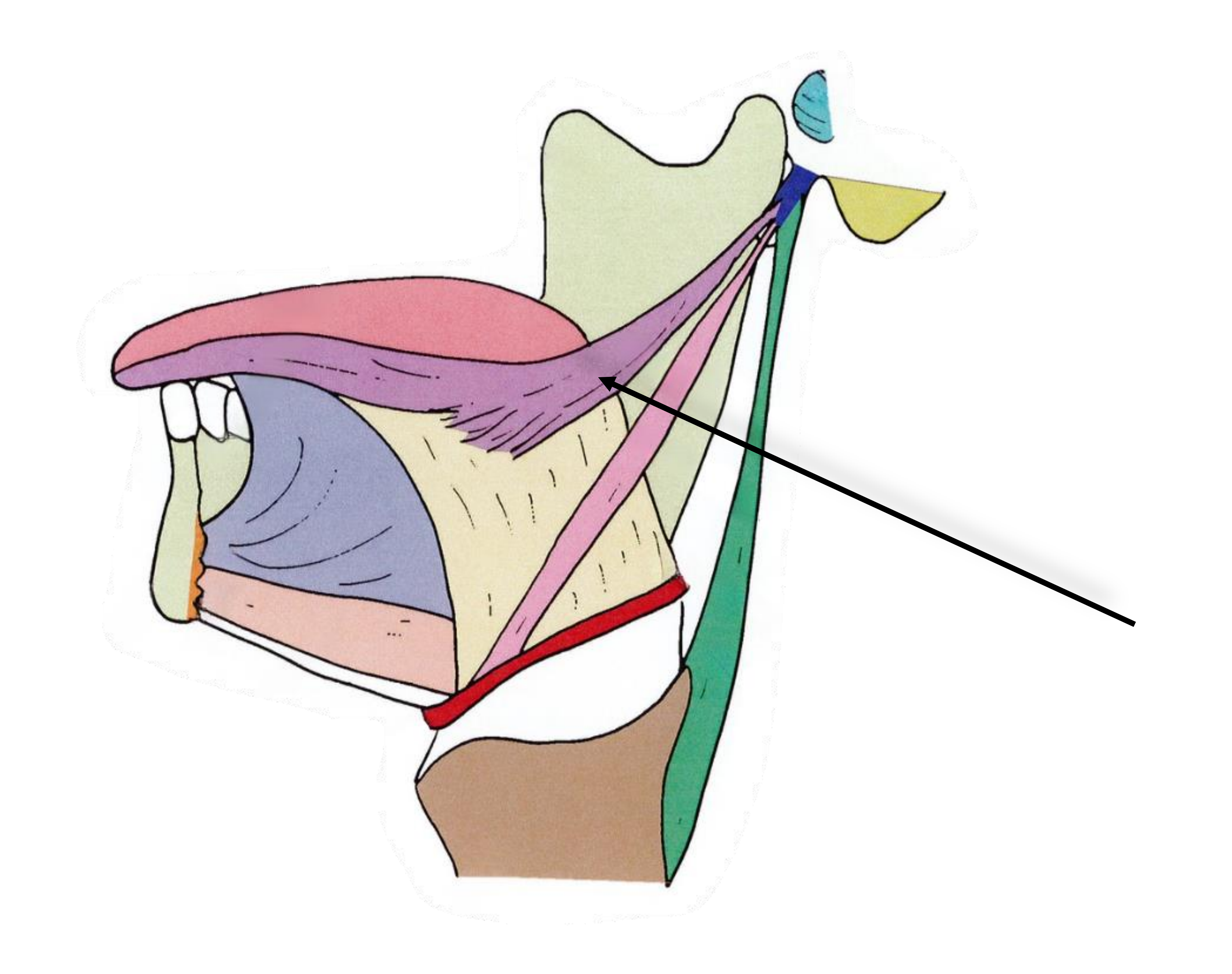


Genioglossus

Origin: genial tubercles

Insertion: (Mostly the tongue) from base to apex

Action: Protrudes and depresses tongue

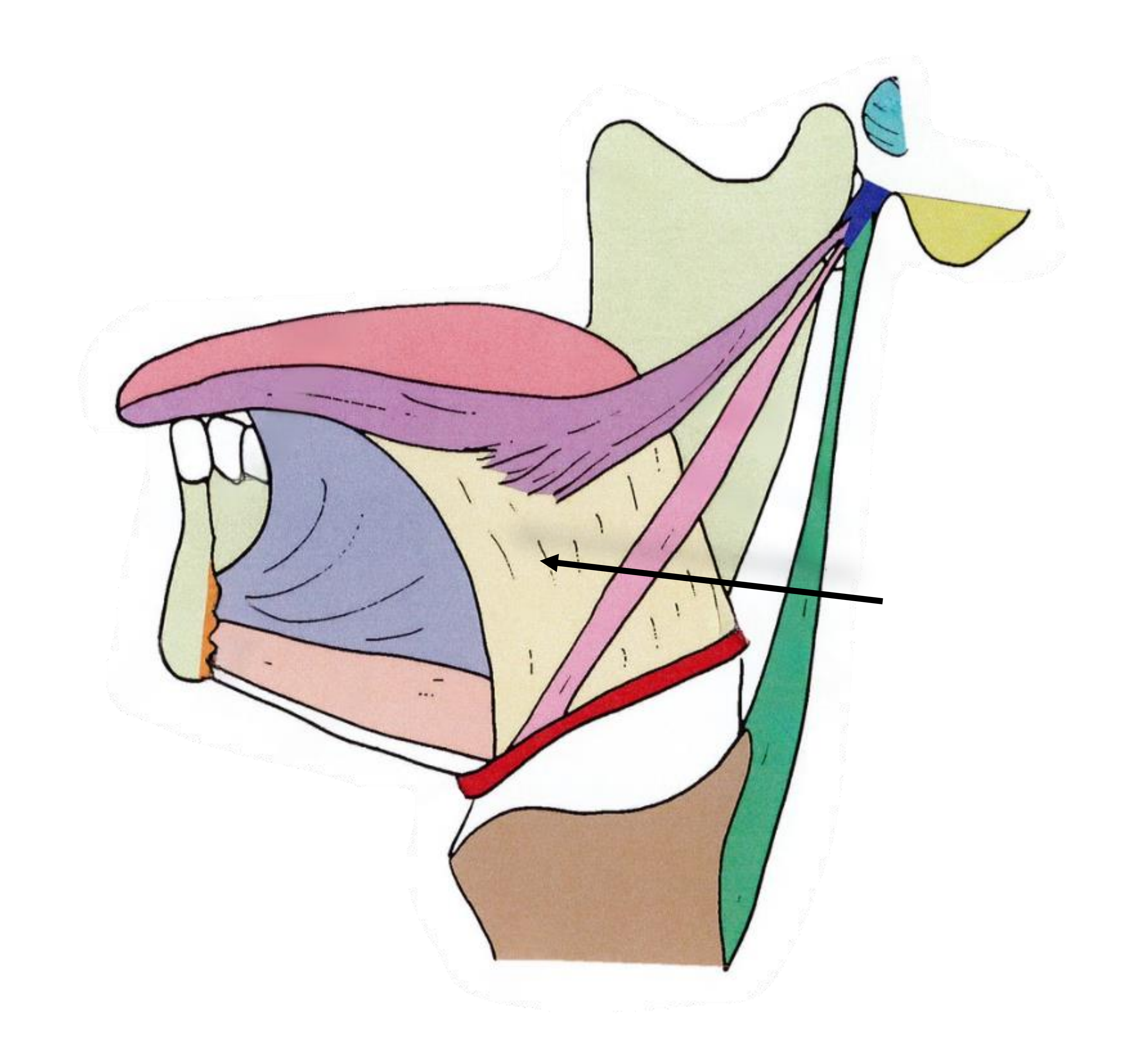


Styloglossus

Origin: styloid process

Insertion: lateral surface of tongue

Action: retracts the tongue



Hyoglossus

Origin: hyoid

Insertion: lateral surface of the tongue body

Action: depresses tongue